INTRADERMAL
CALIPERS & SYRINGES

SERUM
AND
INTRA-TRACHEAL
SYRINGES and NEEDLES

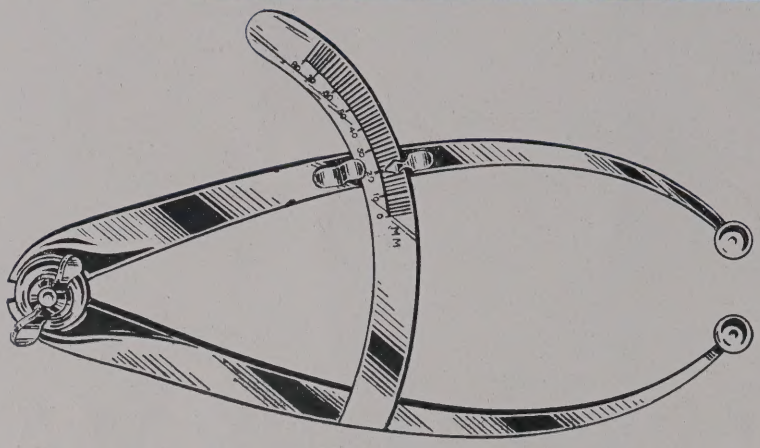
ARNOLD & SONS

Makers of Veterinary Instruments and Appliances

STANDARD WORKS, LAWRENCE ROAD,
TOTTENHAM, N.15

A FULL RANGE OF OUR INSTRUMENTS ARE HELD IN STOCK AT JOHN BELL & CROYDEN, WIGMORE ST., W.1

INTRADERMAL CALIPERS

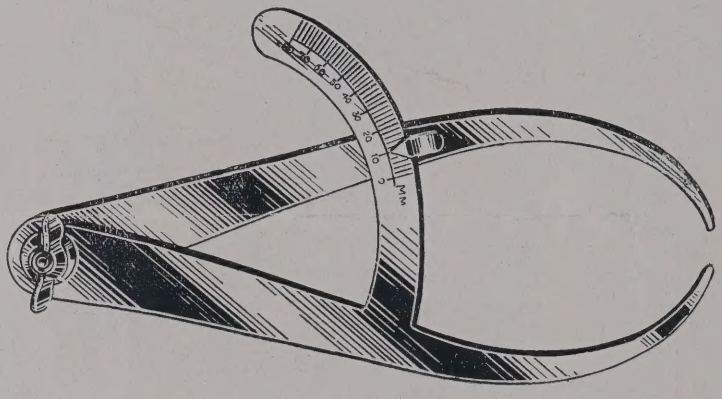


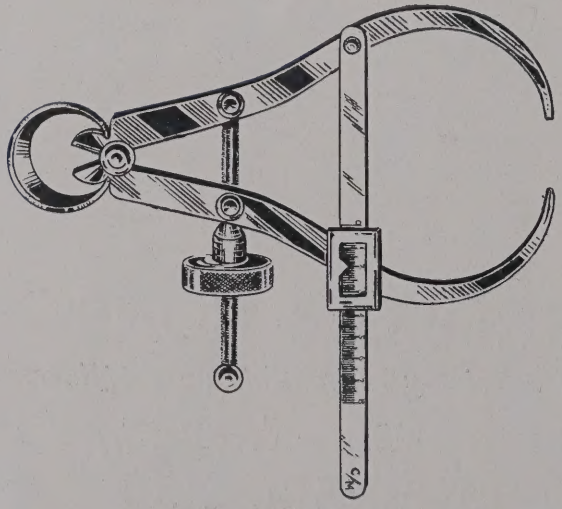
The
ARNOLD'S
Superior
Quality
Pattern
with Ball
Points

14/6
each

The
ARNOLD'S
Ordinary
Pattern

9/9
each





COLEMAN'S
Pattern
fine accurate adjustment
screw

18/6
each

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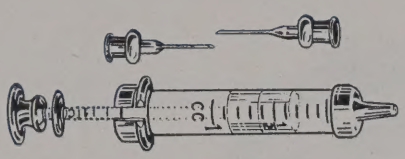
INTRADERMAL SYRINGES



Arnold's
Ordinary Pattern Intradermal
Syringe, complete in Case.

10/6 each

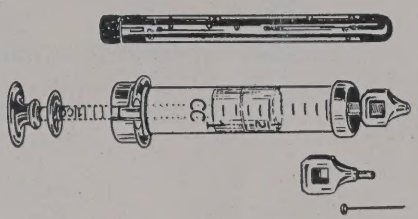
2 Spare Needles.

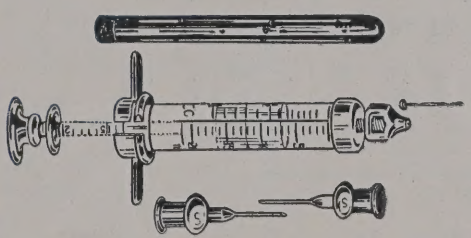
8/6 dozen

Coleman's Pattern, Intradermal
Syringe, fitted with
Schimmel's Needles,
complete in case

12/6 each

Tubes of Schimmel's Needles,
1/– each





Bishop Young's Pattern, fitted
with finger grips, Schimmel's
Needles and 2 Screw on Needles

14/6 each

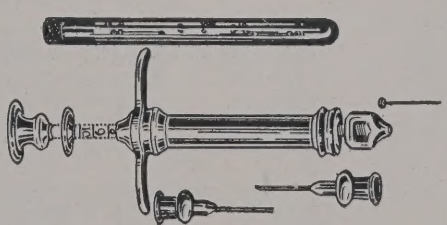
Tubes of Schimmel's Needles
1/– each

Screw-on Needles **1/6** each

Arnold's All Metal Pattern
Intradermal Syringe,
fitted with cross bar grips (finger)
Schimmel's Needles, and 2 Screw-
on pattern Needles,
complete in case

14/6 each

Tubes of Schimmel's Needles
1/- each
Screw-on Needles **1/6** each

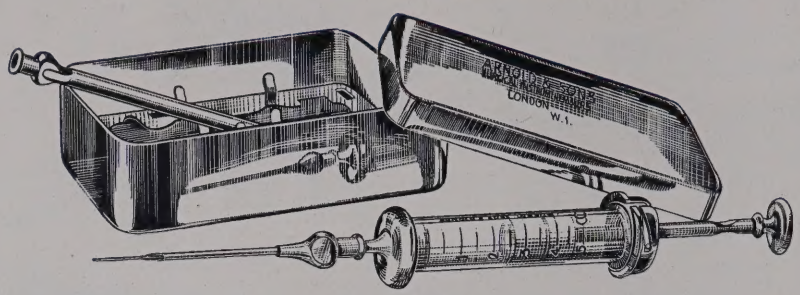


8. Dr. Scott's Intradermal Syringe, with special graduated Piston Rod, with a Spring catch adjustment, which regulates doses of 2 minims, complete in case with 2 Special Needles, length of which are 2 mm. and $2\frac{3}{4}$ mm. long, with reinforced mounts. The length of needle is such that it will only penetrate far enough into the skin for a perfect Intradermal Test.

Complete ... **32/6**

Spare Needles for the above, in two sizes. 2mm. long, $2\frac{3}{4}$mm. long ... **2/–**

"RECORD"
SERUM SYRINGES



RECORD SYRINGES, complete in nickel-plated case, as above illustration.

Sizes	1 cc.	2 cc.	5 cc.	10 cc.	20 cc.	25 cc.	30 cc.	40 cc.	50 cc.	100 cc.	
Prices	**5/–**	**5/6**	**7/–**	**10/–**	**12/6**	**21/–**	**27/–**	**30/–**	**37/6**	**50/–**	each

RECORD SYRINGES, NAKED.

Sizes	1 cc.	2 cc.	5 cc.	10 cc.	20 cc.	25 cc.	30 cc.	40 cc.	50 cc.	100 cc.
Prices	**3/9**	**4/–**	**5/6**	**6/3**	**8/6**	**13/6**	**21/6**	**22/6**	**30/–**	**34/6**

RECORD SYRINGE REPAIRS.

Sizes	1 cc.	2 cc.	5 cc.	10 cc.	20 cc.	25 cc.	30 cc.	40 cc.	50 cc.	100 cc.	
Prices	**3/3**	**3/6**	**4/3**	**5/3**	**6/6**	**10/6**	**13/6**	**15/–**	**16/6**	**24/–**	each

"RECORD"
FITTING NEEDLES

For sizes and Lengths of needles see illustrations of "Reliance" Fitting.

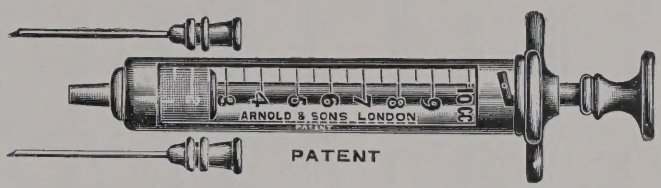
SIZE	LENGTHS	Carbon Steel		Stainless Steel	
		doz.	each	doz.	each
21 B.W.G.	$\frac{3}{4}$" and 1"	**9/9**	**10d.**	**12/9**	**1/1**
20 B.W.G.	$\frac{3}{4}$", 1", $1\frac{1}{8}$" and $1\frac{1}{4}$"	**9/9**	**10d.**	**12/9**	**1/1**
19 B.W.G.	$\frac{3}{4}$", 1", $1\frac{1}{8}$" and $1\frac{1}{4}$"	**9/9**	**10d.**	**12/9**	**1/1**
18 B.W.G.	$\frac{3}{4}$", 1", $1\frac{1}{8}$" and $1\frac{1}{4}$"	**11/6**	**1/–**	**14/6**	**1/3**
17 B.W·G.	1", $1\frac{1}{8}$", $1\frac{1}{4}$" and $1\frac{1}{2}$"	**11/6**	**1/–**	**14/6**	**1/3**
16 B.W.G.	1", $1\frac{1}{4}$", $1\frac{3}{8}$", $1\frac{1}{2}$" $1\frac{3}{4}$", and 2" ...	**12/9**	**1/1**	**15/9**	**1/4**
15 B.W.G.	$1\frac{1}{4}$", $1\frac{3}{8}$", $1\frac{1}{2}$", $1\frac{3}{4}$" and 2" ...	**14/6**	**1/3**	**18/–**	**1/7**
14 B.W.G.	$1\frac{1}{4}$", $1\frac{1}{2}$", $1\frac{3}{4}$" and 2"	**15/9**	**1/4**	**19/6**	**1/8**
13 B.W.G.	$1\frac{1}{2}$", $1\frac{3}{4}$" and 2"	**16/6**	**1/5**	**21/–**	**1/11**

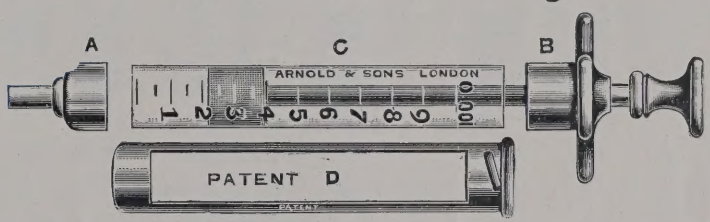
ARNOLD'S "All Metal" Serum Syringe

With 2 steel needles, nickel-plated metal barrel and piston, in nickel plated case.

Sizes :	5 cc.	10 cc.	20 cc.	30 cc.	45 cc.	50 cc.	
Prices :	**19/-**	**22/-**	**27/6**	**31/6**	**42/-**	**47/6**	each

"RELIANCE" SERUM SYRINGES





This Syringe is ideal for Tuberculin, Mallain, Tetanin, Rinderpest, and Glanders, it is supplied with 2 steel needles and spare asbestos piston, in nickel-plated case, complete.

The above illustration demonstrates the many advantages of this syringe over those commonly in use. The top illustration shows the various parts as follows :- "A" Needle mount which fits snugly over the ground end of the barrel, "B" Plunger mount which fits the other end of the barrel, "C" The accurately graduated glass barrel, "D" Cover and Guard. The bayonet fastening at the plunger end enables this cover to hold the whole syringe firmly together. The lower illustration shows the assembled syringe. The push-on mounts make the syringe less fragile and more easily sterilizable. An adjustable asbestos piston is fitted.

Sizes :	5 cc.	10cc.	20cc.	30cc.	40cc.	50cc.	90cc.	
Prices :	**24/-**	**29/6**	**33**/-	**57/6**	**59**/-	**64/-**	**88/-**	each.

"RELIANCE" FITTING NEEDLES

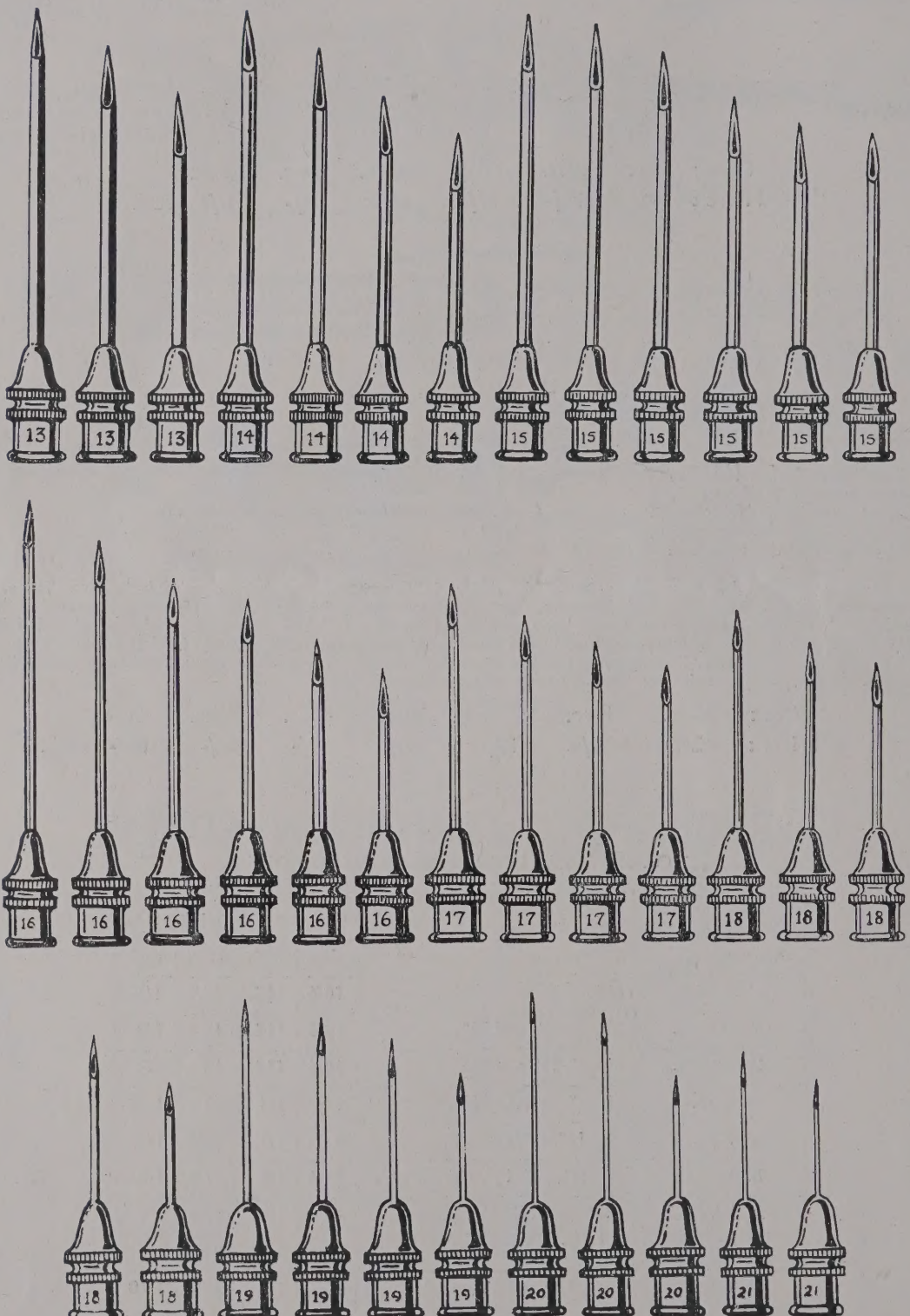
FOR SIZES AND LENGTHS SEE ILLUSTRATIONS.

SIZE	LENGTHS	Carbon Steel		Stainless Steel	
		doz.	each	doz.	each
21 B.W.G.	¾" and 1"	**10/6**	**11d.**	**14/6**	**1/3**
20 B.W.G.	¾", 1", 1⅛", and 1¼"	**10/6**	**11d.**	**14/6**	**1/3**
19 B.W.G.	¾", 1", 1⅛", and 1¼"	**10/6**	**11d.**	**14/6**	**1/3**
18 B.W.G.	¾", 1", 1⅛", and 1¼"	**12/–**	**1/1**	**15/9**	**1/4**
17 B.W.G.	1", 1⅛", 1¼", and 1½", ...	**12/–**	**1/1**	**15/9**	**1/4**
16 B.W.G.	1", 1¼", 1⅜", 1½", 1¾", and 2" ...	**13/6**	**1/2**	**17/6**	**1/6**
15 B.W.G.	1¼", 1⅜", 1½", 1¾", and 2" ...	**15/–**	**1/4**	**18/8**	**1/7**
14 B.W.G.	1¼", 1½", 1¾," and 2"	**16/6**	**1/5**	**20/6**	**1/9**
13 B.W.G.	1½", 1¾", and 2"	**17/6**	**1/6**	**21/–**	**1/10**

ENGLISH HYPODERMIC NEEDLES

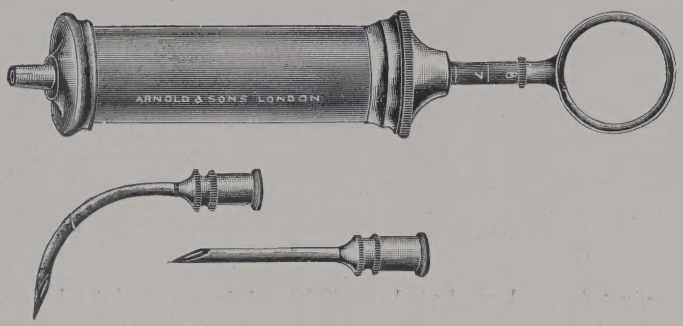
RELIANCE FITTING

B.W.G. Sizes.



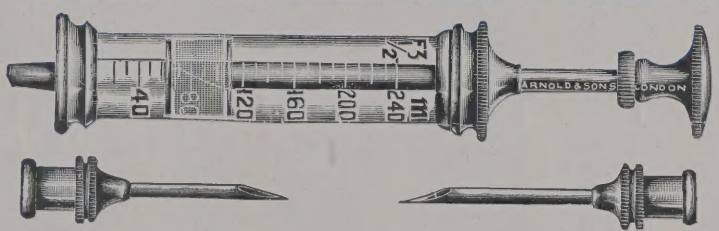
INTRA-TRACHEAL SYRINGES

For the treatment of Husk or Hoose in Calves and Lambs.



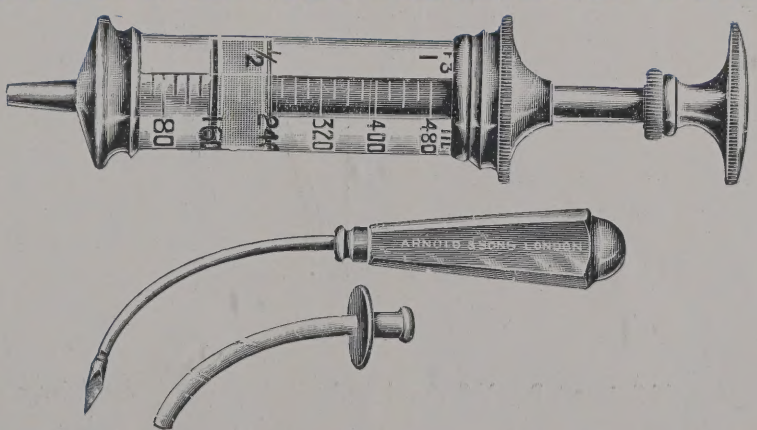
A simple Intra-Tracheal Syringe with plated metal barrel and piston; supplied in nickel plated case complete with curved and straight needles, capacity 1 oz. ... **16/6** each.

The "ARNOLD" INTRA-TRACHEAL SYRINGE



Accurately graduated glass barrel with asbestos piston. Supplied in nickel plated case complete with 2 needles and spare piston, capacity ½ oz./240 minims. ... **30/-**

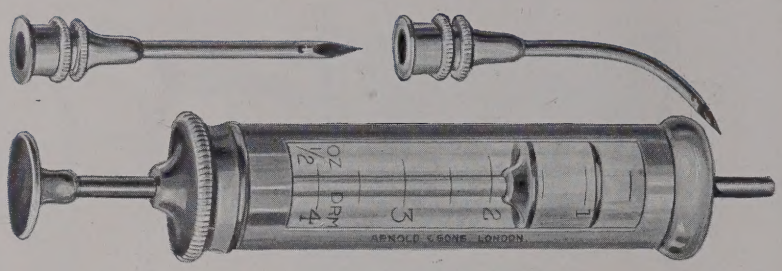
POULTON'S INTRA-TRACHEAL SYRINGE



Glass barrel accurately graduated up to 1 oz./480 minims with asbestos piston complete in a nickle plated case with trocar and cannula in metal handle and spare piston. **£2-3-6**

ARNOLD'S INTRA-TRACHEAL SYRINGE

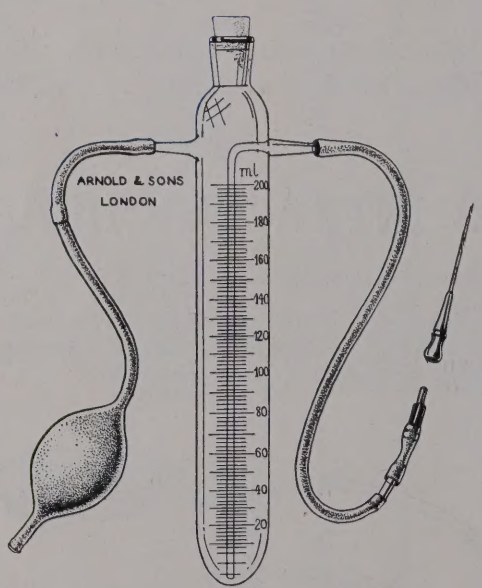
With Side Bars.



Glass barrel accurately graduated to ½ oz./240 minims complete in a nickle plated case with curved and straight trocar pointed needles and spare asbestos piston. **£1-13-0**

Sir Stewart Stockman's

ANTI-ABORTION SYRINGE



Modified by Arnold Spicer, F.R.C.V.S., for the sub-cutaneous injection of large quantities of normal saline or other fluids. Consisting of a graduated glass flask capacity 200 c.c. with india-rubber bellows, 4 ft. of tubing and Lang's needle. Complete ... **£1-7-6**